

DYNAMIC SELF-CONFIGURATION FOR AD HOC PEER NETWORKING

ABSTRACT OF THE DISCLOSURE

A device control model provides an integrated set of addressing, naming, discovery and description processes that enables automatic, dynamic and ad-hoc self-setup by devices to interoperate with other devices on a network. This permits a computing device when introduced into a network to automatically configure so as to connect and interact with other computing devices available on the network, without a user installation experience and without downloading driver software or persisting a configuration setup for connecting and interacting with such other computing devices. Upon completing interaction with such other devices, the computing device automatically releases the setup for such other devices so as to avoid persistent device configurations that might create a configuration maintenance and management burden.